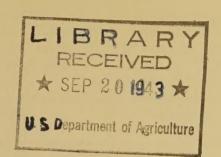
UNITED STATES DEPARTMENT OF AGRICULTURE AS FARM SECURITY ADMINISTRATION



Program Analysis Report No. 10 Planning and Control Section Rural Rehabilitation Division



RR-2-MWP-JAB June 11, 1940

STATE AND REGIONAL DISTRIBUTION OF SUPPLEMENTAL STANDARD LOAN REQUIREMENTS FOR FISCAL YEAR 1940 - 1941

A careful estimate of the state and Regional requirements for funds to advance supplemental loans to standard rural rehabilitation borrowers indicates that a total of \$49,722,040 will be necessary for this purpose during the fiscal year 1940-41 (Table I). It is estimated that 216,407 supplemental standard loans

Table I. Estimated Number of Supplemental Standard Loans to be Made during Fiscal Year 1940-41 1, Average Size of Supplemental Loans Approved July 1, 1937 through April 30, 1940 2, and Estimated Amount of Funds Required for Supplemental Standard Loans Fiscal Year 1940-41 2, by States and Regions

				*
A		В	C	: D
Region and state	•	Estimated number of supplemental standard loans to be made during fiscal year 1940-41	Avcrage size supplemental standard loan July 1, 1937 - April 30, 1940	: Estimated funds : required for sup- : plemental stand- : ard loans during : fiscal year : 1940-41
	:	Number	Dollars	<u>Dollars</u>
United States	:	216,407	230	49,722,040
	:			•
Region I	:	5,458	592	: 2,979,983
Connecticut	:	120 :	1,006	: 120,720
Delaware		80	254	20,320
Maine	:	2,228	562	1,252,136
Maryland	:	331 :	403	133,393
Massachusetts	:	190 :	639	121,410
New Hampshire	:	270	544	146,830
New Jersey	:	232	580	134,560
New York	:	1,035	618	639,630
Pennsylvania	:	686	440	
Rhode Island	:	37	620	301,840
Vermont		249	346	22,940
	•	KHY :	540	86,154

A	: B	: C	: D
	Estimated number of	· Average size	: Estimated funds
Region	supplemental standard	supplemental	: required for su
and	loans to be made	standard loan	: plemental stand-
state	during fiscal year	July 1, 1937 -	: ard loans during
5 02.00	: 1940-41	April 30, 1940	: fiscal year
	: 1940-41	8	: 1940-41
	: Number	<u>Dollars</u>	: Dollars
Region II	: 4;393	299	: 1,319;699
Hichigan	: 1;230	: 331	: 407,130
Minnesota	1,345	: 323	: 434,435
Wisconsin	: 1,818	: 263	: 478,134
Region III	14,837	269	: 4,004;252
Illinois	2,509	296	: 742,664
Indiana	2,015	290	: 566,215
Iowa	2,157	325	: 701,025
Missouri	5,998	235	: 1,409;530
Ohio	2,158	271	: 584,818
VIII	:	~ /	: 204,020
Region IV	18,268	180	: 3,264;465
Kentucky	: 2,829	191	: 540;339
North Carolina	: 6,636	: 216	: 1,433,379
Tennessee	: 4,704	108	: 508;032
Virginia	: 2;883	: 169	: 487;227
West Virginia	: 1,216	: 243	: 295,488
D	:	- -	: " / " / " / " / " / " / " / " / " / "
Region V	: 43;160	178	: 7,658,139
Alabama	: 16,897	179	: 3,024,563
Florida	4,031	241	971,471
Georgia	15,233	160	: 2,437,280
South Carolina	6,999	175	: 1,224,825
Region VI	51;834	156	8;109;450
Arkansas	: 18,473	138	: 2,549,274
Louisiana	11;862	186	2,206,332
Mississippi	21,499	156	3,353,844
MIDDIDDIPPI	:		:
Region VII	23;039	230	5;308;597
Kansas	: 5,376	223	: 1,198,848
Nebraska	7,362	231	: 1,700;622
North Dakota	4,622	203	938,266
South Dakota	5,679	259	1,470,861
	:		•
Region VIII	: 30,109	193	: 5,792,748
Oklahoma	: 13,577	188	: 2,552,476
Texas	: 16,532	: 196	: 3,240,272

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A	: R	: C	D
Region and state	Estimated number of supplemental standard loans to be made during fiscal year 1940-41	Average size supplemental standard loan July 1, 1937 - April 30, 1940	Estimated funds required for sup- plemental stand- ard loans during fiscal year 1940-41
	Number	Dollars	Dollars
Region IX	4,573	390	1,767;001
Arizona California Nevada Utah	: 416 : 1,810 : 166 : 2,181	496 453 455 305	206;336 819;930 75;530 665,205
Region X	8,989	557	5;052;846
Colorado Montana Wyoming	3,342 2,553 3,094	: 491 : 722 : 507	1;640;922 1;843;266 1,568,658
Region XI	5:086	533	2;692;718
Idaho Oregon Washington	2;394 1;552 1,140	459 426 818	1,098;846 661;152 932,720
Region XII	6,661	: 256	1,772;142
Colorado Kansas New Mexico	: 7882 : 1;557 : 1,150	: 365 : 281 : 260	: 321;930 : 437;517 : 299;000
Oklahoma Texas	: 335 : 2,737	: 233 : 220	: 111,555 : 602,140

^{1/} The method of calculation followed to determine the figures in this column is explained in Table V of this report.

will be made during the next fiscal year, and that these loans will average approximately \$230 in amount. These estimates of future need for funds to advance supplemental loans have been based upon the past experience of this Administration in conducting the rural rehabilitation program. The experience of the immediately past three fiscal years has been taken as the experience most nearly applicable in predicting the nature of supplemental credit needs during the fiscal year 1940-41.

^{2/} Source: FSA-RR 49 Report.

Average size supplemental loan 7/1/37 - 4/30/40 multiplied by the estimated number of supplemental loans to be made during fiscal year 1940-41.

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Why Plan for Supplemental Loans?

In a broad sense, it may be pointed out that if original loans were realistically and carefully planned, and if expectations were realized in actual events, the making of supplemental loans should be unnecessary. To a considerable extent, this point of view is correct. The stubborn fact remains, however, that many of our original standard loans have not fully met the credit needs of the low-income farm families that have been accepted on our program. This fact requires the budgeting of some amount of funds for advancing supplemental loans to fill these unmet credit needs. Moreover, in setting up repayment schedules we have, in many cases, been overly optimistic. Borrowers have depleted their cash reserves in attempting to meet these schedules with funds which would otherwise have been used to finance the succeeding year's operating expenses. In this case, also, supplemental loans are required consistent with the policy of this Administration to provide a complete line of credit to these low-income farm families on the program. It is also apparent that many small loans for purposes not anticipated at the time the original loan was approved are made to standard borrowers. These loans, such as medical loans, or cooperative participation loans, are recorded and reported as supplemental standard loans.

Trends in Supplemental Loan Approvals

Since there appear to be various occasions upon which the making of a supplemental standard loan appears to be desirable, it is well to look at the record to ascertain the extent to which supplemental loans have been used by the several Regions and the size of such supplemental loans as were approved.

Ratio of Supplemental Standard Loans to Active Standard Borrowers

During the immediately past fiscal year 53 supplemental standard loans were approved per 100 active standard borrowers at the beginning of the year; this figure is approximately the same as in the two preceding fiscal years (Table II). Regional variation in the use of supplemental loans, however, is marked. Region II, and III have consistently approved a small number of such loans in relation to the number of active standard borrowers, whereas, Region V, VI, VIII, VIII, X and XII have consistently approved a relatively large number of supplemental standard loans.

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Table II. Number of Supplemental Standard RR Loans Approved per 100 Active Standard RR Borrowers at the Beginning of Each Fiscal Year, 1937-38, 1938-39, 1939-40 1, and Average Number of Supplemental Standard Loans Approved per 100 Active Standard Borrowers at Beginning of Year, Fiscal Years 1937-38 to 1939-40 2, by Regions

A :		: C	: D	: E	
Number of supplemental standard RR Region : loans per 100 active standard RR borrowers					
Region :	Loan	s per 100 active	standard KR bor	: 1937-38 to	
:	1937-38	: 1938-39	: 1939-40	: 1940-41	
United States :	49	53	: 53	: 52	
Region I :	31	: 42	: : 52	: 42	
Region II :	13	: 23	: 17	: 18	
Region III :	25	: 26	: 19	23	
Region IV :	27	: : 29	38	32	
Region V :	48	: 48	: 59	: 52	
Region VI	103	8 5	88	91	
Region VII :	65	: : 96	55	72	
Region VIII :	56	: 60	: : 76	64	
Region IX :	32	: 47	: : 46	42	
Region X :	64	: 116	: 79	87	
Region XI :	32	: 44	: : 38	39	
Region XII :	51	: 57	63	57	

^{1/} Data available through April 30, 1940. May and June 1940 estimated (Table III).

^{2/} Figures from Table V, Column C.

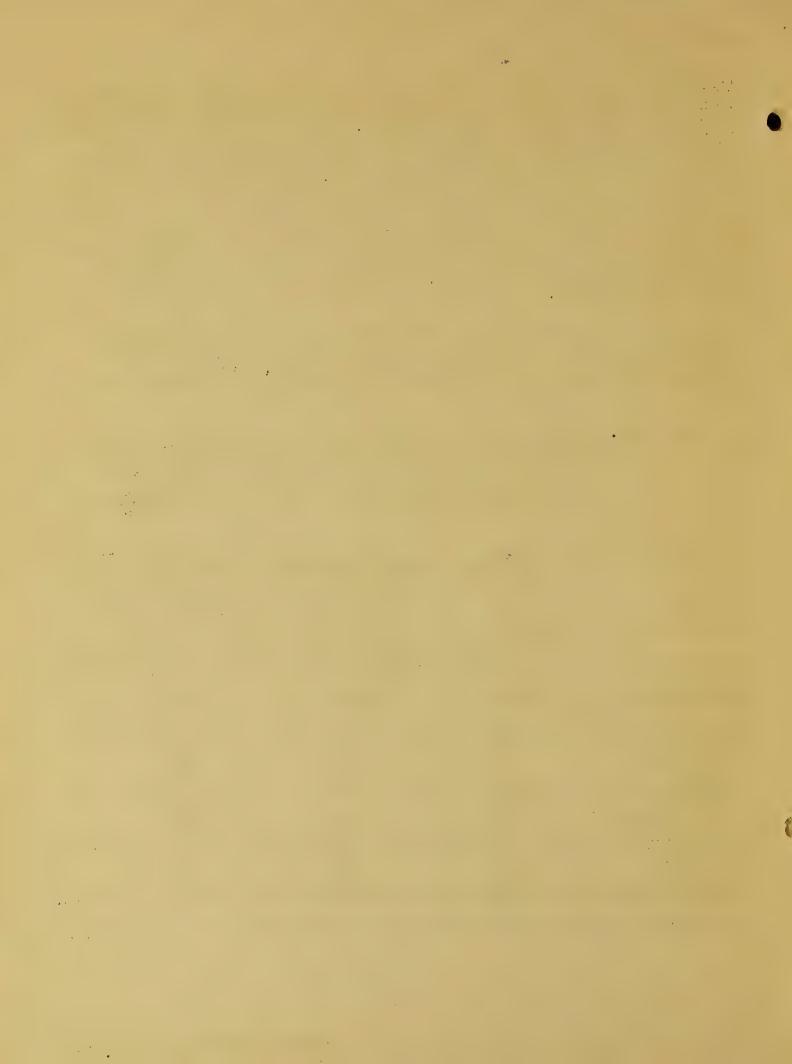
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There has not, however, been any consistent trend in the making of supplemental loans within Regions. In no Region has the ratio of supplemental loans to case load been markedly stable from year to year. In Region X this ratio was 64 in 1937-38, increased to 116 in 1938-39, and then decreased to 79 in 1939-40. Regions I, IV, V, VIII and XII have shown a consistent upward trend, while the other Regions have fluctuated from year to year. This lack of any consistency in movement as between Regions means that in predicting the probable need for supplemental loan funds in each Region or state it would be unwise to use the experience of any single fiscal year upon which to base these calculations. For this reason, it appears to be most appropriate to use for planning purposes the composite ratio which will give the average of our experience during the three immediately past fiscal years. These figures are shown, by Regions, in Table II, Column E.

Table III gives by state and Region the ratio of the number of supplemental loans approved in the immediately past fiscal year to the number of active standard borrowers at the beginning of the fiscal year. This table also illustrates the method by which the ratios in Table II were calculated for

Table III. Number of Active Standard Borrowers as of June 30, 1939 1/, Estimated Number of Supplemental Standard Loans to be Made Fiscal Year 1939-40 2/, and the Estimated Number of Supplemental Standard Loans to be Made Fiscal Year 1939-40 per 100 Active Standard Borrowers as of June 30, 1939 2/

A	: B	:	С	: D
Region and state	Number of active standard borrowers June 30, 1939	:	supplemental standard loans to be made	: Estimated number supple- : mental standard loans to : be made July 1, 1939 - : June 30, 1940 per 100 : active standard borrowers : as of June 30, 1939
United States	: : 386,596	:	204,727	53
Region I	: 12,597	:	6,566	: 52
Connecticut	: 301	:	153	: 51
Delaware	: 92	:	· 93	: 101
Maine	: 2,919	:	2,584	: 89
Maryland	: 648	:	70	: 42
Massachusetts	: 467	:	238	: 51
New Hampshire	: 852	:	381	: 45
New Jersey	: 856	:	- 295	: 35
New York	: 2;804	:	1,206	: 43
Pennsylvania	2,626	:	916	: 35
Rhode Island	: 176	:	76	: 43
Vermont	: 856	:	354	: 41



	art.		
A	: B	: C	מ ייי
	: Number of	: Estimated number	: Estimated number supple-
Region	active	: supplemental	: mental standard loans to
and	standard	: standard loans	: be made July 1, 1939 -
state	borrowers	: to be made	: June 30, 1940 per 100
0000	June 30, 1939	: July 1, 1939 -	: active standard borrower
	: 00110 30, 2737	: June 30, 1940	: as of June 30, 1939
Region II	22,736	3,773	: 17
lichigan .	6; 822	: 1;142	: 17
Minnesota	8,046	1,068	: 13
Wisconsin	7,868	1,563	: 19
WI200H2HI	7,000	*	: 19
Region III	57:153	10,919	: 19
Illinois	: 7,653	: 1,982	: 26
Indiana	: 8,965	: 1,514	: 17
Iowa	9,123	: 1:519	: 17
Missouri	: 19;244	: 4,178	: 22
Ohio	: 12,168	1,726	:14
Region IV	: 46,266	17,691	20
Kentucky	: 9;155	2;348	<u>: 38</u> : 26
North Carolina			
Tennessee	8:613	5,878	45
Virginia	8;683	4:977	<u>58</u> 36
West Virginia	6,632	3,144	
est vir inita	0,032	1,344	20
Region V	79:461	46,793	59
Alabama	: 29,750	: 19,218	: 65
Florida	: 12,000	: 6,457	: 54
Georgia	: 24;273	: 15,777	: 65
South Carolina	: 13,438	: 5.341	: 40
	:	•	
Region VI	: 50:355	: 44;220	: 88
Arkansas	: 18,956	: 16,434	: 87
Louisiana	.: 12 , 735	: 10,761	: 85
Mississippi	: 18,664	: 17,025	: 91
- 4	:	*	
Region VII	: 30,041	: 16,517	55 67
Kansas	: 7,717	: 5,149	
Nebraska	9,574	: 6,741	: 70
North Dakota	: 5,348	: 2,354	: 44
South Dakota	: 7.402	: 2,273	31
Pacies WIII	15.105	\$ 21.62d	
Region VIII Oklahoma	<u>45:485</u>	34;538	76
	: 15;637	: 14,061	85
Terras	28,848	: 20,577	71

A	: 12 B	: C	D
Region and state	Number of active standard borrowers June 30, 1939		Estimated number supplemental standard loans to be made July 1, 1939 - June 30, 1940 per 100 active standard borrowers as of June 30, 1939
Region IX	: 10;175	: 4,643	: :
Arizona California Nevada Utah	1;385 3,785 444 4,501	: 417 : 1,593 : 159 : 2,474	30 42 36 54
Region X	9;166	7,200	79
Colorado Montana Wyoming	3;646 2;584 2,936	: 2;912 : 1;969 : 2,319	පිර 76 79
Region XI	11;486	: 4,376	38
Idaho Oregon Washington	: 4;297 : 3;451 : 3,738	: 2;275 : 1,179 : 922	53 34 25
Region XII	11,675	: 7,391	63
Colorado Kansas New Mexico	1;325 1;811 4,126	: 626 : 1,674 : 1,236	62 92 30
Oklahoma Texas	444 3,959	. 217 . 3,238	94 82

^{1/} Source: FSA-RR-84 Report.

This column is the number of supplemental standard loans made during the period July 1, 1939 - April 30, 1940 plus the estimated number of supplemental standard loans to be made during May and June. The estimated number of supplemental standard loans to be made during May and June of 1940 was calculated by dividing the average size supplemental standard loan made during the period July 1, 1939 through April 30, 1940 into the estimated amount of funds to be used for supplemental standard loans during May and June. The estimated amount of funds to be used for supplemental standard loans during May and June was determined by applying the ratio of expenditures for supplemental standard loans to the funds available during May and June 1939 to the funds available for loans during May and June of 1940.

^{2/} Calculated by dividing the number of active standard loan cases as of June 30, 1939 into the estimated number of supplemental loans to be made fiscal year 1939-40.

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each year and for the average of the three years. This three year average ratio for each state and Region is shown in Table V, Column C.

Average Size of Supplemental Standard Loans

There is little more consistency in the average size of supplemental standard loans than in the ratio of the number of such loans to the number of active standard borrowers. In the United States as a whole the average supplemental standard loan in the fiscal year 1937-38 was \$215, in 1938-39 the average size was \$247, and in 1939-40 these loans averaged \$226 (Table IV). Within individual Regions the variation was even more pronounced. Only Region IX has

Table IV. Average Size of Supplemental Standard Loans during the Fiscal Years 1937-38, and 1936-39, during July 1, 1939 to April 30, 1940 and during July 1, 1937 to April 30, 1940, by Region 1

A	В	: C	: D	10
		: Avorage size	of supplemental loar	15
Region	Fiscal year 1937-1938	Fiscal year 1938-1939	July 1, 1939 to April 30, 1940	July 1, 1937 to April 30, 1940
	Dollars	Dollars	<u>Dollars</u>	Dollars
United States	215	247	226	230
Region I	483	587	557	592
Region II	313	264	340	29 9
Region III	256	285	262	269
Region IV	163	180	167	180
Region V	1 55 .	210	170	178
Region VI	118	179	169	156
Region VII	280	202	223	230
Region VIII	230	161	185	1 93
Region IX	423	: 378	377	390
Region X	472	: 608	540	557
Region XI	504	: 528	556	533
Region XII	219	254	291	25 6

^{1/} Source: FSA-RR 49 Report.

shown a consistent decrease in the size of supplemental loans while Regions IV, XI, and XII have increased each year. The other cight Regions have fluctuated from year to year. The lack of any stable or consistent movement appears to indicate that if future plans are to be based on past experience the average or composite experience of the three most recent years must be used. This composite average, giving the average size of supplemental loans approved during the period from July 1, 1937 to April 30, 1940, is shown for each Region in Column E, Table IV. This composite average size of the supplemental loans approved in each state and Region is shown in Table I, Column B.

Calculating the Probable Supplemental Standard Loan Requirements for Fiscal Year 1940-41

To obtain a fairly reliable estimate of the probable number of supplemental standard loans that will be made during the next fiscal year the estimated number of active standard borrowers as of June 30, 1940 (shown in Column B, Table V) for each state and Region was multiplied by the composite or average ratio of supplemental loans to borrowers for the three preceding fiscal years.

Table V. Estimated Number of Active Standard Borrovers as of June 30, 1940 1/, Estimated Number of Supplemental Standard Loans to be Made Fiscal Year 1940-41 per 100 Active Standard Borrovers as of June 30, 1940 2/, and Estimated Number of Supplemental Standard Loans to be Made Fiscal Year 1940-41 2/

A	: B	C :	D
Region and state	Estimated number of standard borrowers as of June 30, 1940	Estimated number supplemental stand- ard loans to be made: 7/1/40 - 6/30/41 per: 100 active standard: borrowers as of June: 30, 1940	supplemental stand- ard loans to be made during fiscal year
United States	: 422,581	52	216,407
Region I	13,840	1,2	5,458
Connecticut	: 344	35 :	120
Delaware	: 157	: 51 :	60
<u> Laine</u>	2,717	: 82 :	2,223
Paryland	: 1,003	33	331
Massachusetts	: 543	: 35 :	190
New Hampshire	: 818 :	33	270
New Jersey	: 858	27 :	232
Hew York	: 3,235	: 32 :	1,035
Pennsylvania	: 3,120	22 :	686
Rhode Island	: 154	: 24, :	37
Vermont	: 391	28	249

Λ	В	C	D
		Estimated number :	
		supplemental stand- :	Estimated number
	Estimated number	ard loans to be made:	
Region	of standard	7/1/40 - 6/30/41 per:	
and	borrowers as of	100 active standard :	
state	June 30, 1940	borrowers as of June:	
		30, 1940 :	27,10
		•	
Region II	24,916	18	4:393
Michigan	7;689	16 :	1;230
Minnesota	8;964	15 :	1,345
Wisconsin	8,263	22 :	1,818
Region III	64,214	23 :	14;837
Illinois	: 8,960 :	28 :	2;509
Indiana	: 10,076 :	20 :	2;015
Iowa.	10,272	21 :	2;157
Missouri	: 22,214 :	27 :	5;998
Ohio	: 12,692 :	17 :	2,158
Region IV	57:057	32	18;268
Kentucky	12,301	32 : 23 :	2,829
North Carolina	15,433	43	6,636
Tennessee	10,691	44	4:704
Virginia	9;943	29	2,883
West Virginia	8,689	14 :	1,216
11 40 10 4 7 10 10 10 10 10 10 10 10 10 10 10 10 10		*	4
Region V	80,885	52 :	43,160
Alabama	: 29;644 :	57 :	16,897
Florida	: 11,518 :	35 :	4;031
Georgia :	: 26,263 :	58 :	15;233
South Carolina	: 13,460	52 :	6,999
**	:	ĝı	£7 - Ø27
Region VI	57,049	85	51;834 18;473
Arkansas	: 21;733		
Louisiana	: 14,644	\$1. :	11;862
Mississippi	20,672	104	21,499
Region VII	32;368	72	23;039
Kansas	8;534	63 :	5;376
Nebraska	10,085	73	7,362
North Dakota	5,636	82 :	4,622
South Dakota	8,113	70	5,679
	*		,
Region VIII	: 46;620	64 :	30;109
Oklahoma	18;599	73 :	13;577
Texas	28,021	59 :	16,532

A	: B :	C	: D
Region and state	Estimated number of standard borrowers as of June 30, 1940	Estimated number supplemental stand- ard loans to be made 7/1/40 - 6/30/41 per 100 active standard borrowers as of June 30, 1940	Estimated number supplemental stand- ard loans to be made during fiscal year 1940-1941
Region IX	10,779	42	4,573
Arizona California Nevada Utah	1,436 4,022 475 4,846	29 45 35 45	416 1,810 166 2,181
Region X	10,286	87	8;989
Colorado Montana Wyoming	: 3,979 : 2,869 : 3,438	84 89 90	3;342 2;553 3,094
Region XI	: 13;092	39	5;086
Idaho Oregon Washington	: 4,987 : 3,881 : 4,224	: 48 : 40 : 27	2;394 1;552 1,140
Region XII	11:475	57	6,661
Colorado Kansas	: 1,547 : 1,810	57 86 30	: 1;557
New Mexico Oklahoma Texas	• 3,833 • 430 • 3,855	78 71	: 1,150 : 335 : 2,737

- Calculated by adding the estimated number of original standard loans to be made during May and June and the number of active standard loan cases as of April 30. The number of original standard loans to be made during May and June was estimated in accordance with the following:

 The funds estimated to be used for supplemental loans during May and June were subtracted from the uncommitted loan budgets and the average size original loan made during the period July 1, 1939 through April 30, 1940 divided into the remainder.
- This column represents the average number of supplemental standard loans approved per 100 active standard borrowers at beginning of year. Fiscal years 1937-38, through 1939-40. It is believed that this average is the most applicable figure to use when predicting the number of supplemental standard loans to be made per 100 active standard borrowers during the fiscal year 1940-41.
- 2/ Calculated by multiplying the estimated number of active standard borrowers as of June 30, 1940 by the figures in Column C, Table V and dividing by 100.

(This ratio for each state and Region is shown in Column C of that Table.) These calculations indicate that a total of 216,407 supplemental standard loans will be required in the coming fiscal year.

The estimated number of loans to be made in each state and Region (shown in Table V, Column D and Table I, Column B) was multiplied by the average credit requirement (composite average size of loans July 1, 1937 to April 30, 1940) to obtain the estimated requirements for funds to be used for making supplemental standard loans during the fiscal year 1940-41. These estimated requirements for the several states and Regions are shown in Column D, Table I.

